

Fill in the following blanks and we will provide, without obligation, further information on the GRADS System.

1. Type of equipment currently used or planned:

Computer(s) _____ Display(s) _____

2. Type of Application:

Avionics ☐ Process Control ☐ Command & Control ☐

Other _____

please list

3. Implementation schedule:

6 mo. ☐ 1 yr. ☐ 2 yrs. ☐

Name _____

Position _____

Company _____

Address _____

City/State _____ ZIP _____

Phone _____ Ext. _____



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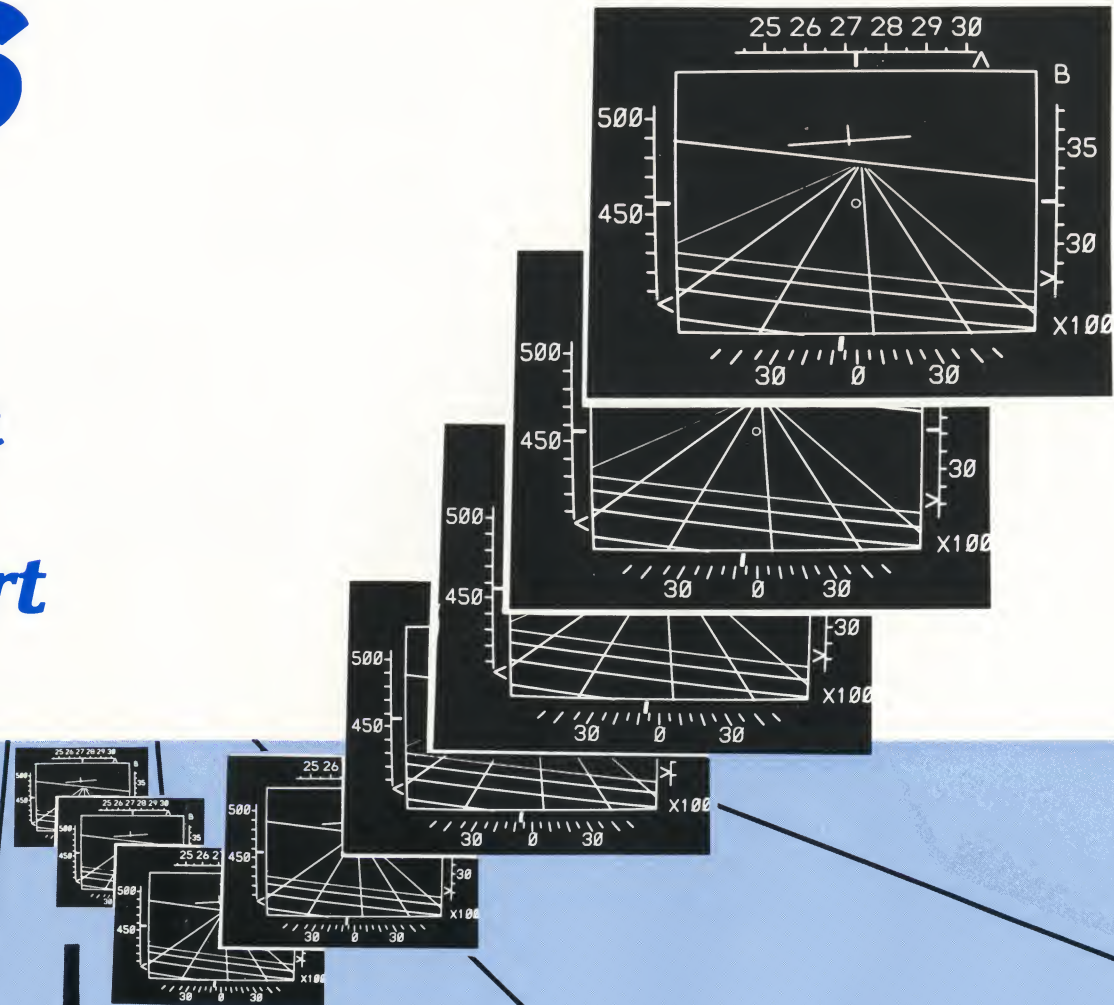


INTERMETRICS, INC.
733 CONCORD AVENUE
CAMBRIDGE, MA 02138



GRADS

*Graphics
Real-time
Application
Display
Support*



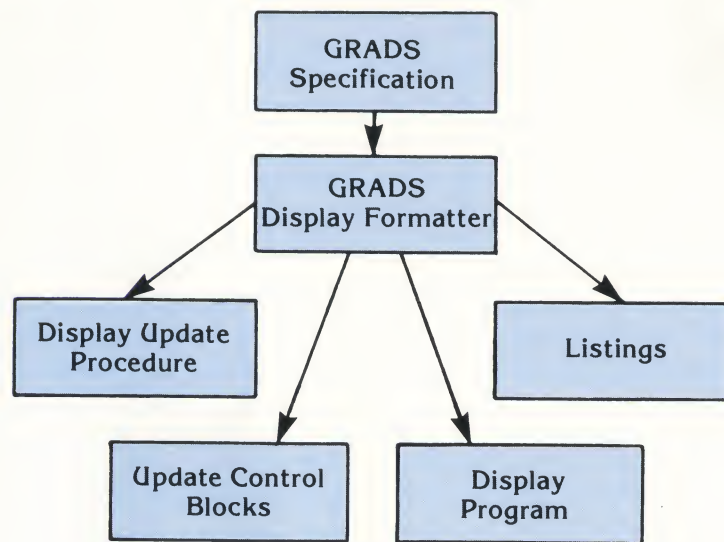
GRADS is . . .

FEATURES

- High level picture format specification
- Off-line format preparation — real-time efficiency
- On-line dynamics — automatic link to application software

ADVANTAGES

- Reduced implementation and maintenance costs
- Increased software reliability
- Computer and display device independence



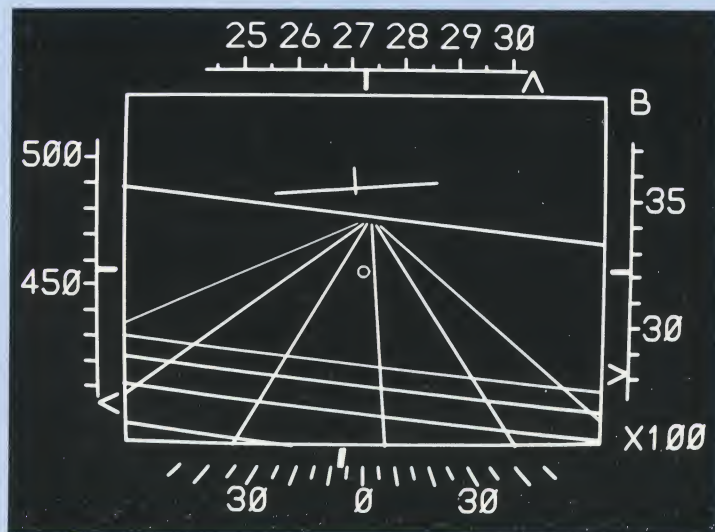
Intermetrics' GRADS System meets the unique requirements of real-time graphics systems.

GRADS features high level picture specifications and a program generator. Using GRADS, the programmer specifies a picture as an hierarchical image structure; this structure identifies the images to be displayed and how they change. The program generator translates the **GRADS Specification** into three outputs: **Display Program**, **Display Update Procedure**; and **Update Control Block**.

At run-time, the **Display Program** executes on the display processor. The **Display Update Procedure** executes in a host computer; it references the **Update Control Block**.

GRADS provides the efficiency needed in real-time systems by automatically linking on-line picture dynamics to application software in the host computer in an off-line program generation step.

Example of Display Screen
(avionics application)



Intermetrics is . . .

Organized in 1969, Intermetrics is a dynamic, high technology company that has grown in just over a decade to a 400 person operation headquartered in Cambridge, MA with 12 satellite branches throughout the U.S. and Europe. Current sales are on the order of \$22 million.

Intermetrics is in the computer applications business with a diversified base encompassing high order programming languages, compilers, and support software; analysis, simulation, and application software development; independent verification and validation; and turnkey computer-based factory monitoring/productivity improvement systems.

Intermetrics has extensive experience in the development and application of computer generated graphics to operational systems, and is a recognized leader in this expanding technological area. Our GRADS system enables the specification of display formats previously requiring an assembly language approach.

Intermetrics counts among its satisfied customers the Department of Defense, numerous government departments and agencies, aerospace prime contractors, computer hardware manufacturers, plastic manufacturers, and the oil and gas industry.